Ham-Space Digest   Sun, 21 Aug 94   Volume 94 : Issue 232

Today's Topics:
                        ARLK035 Keplerian data
                          MA question VK3JKP
                       satellite communications
                       SPACE SHUTTLE FREQUENCIES

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 20 Aug 1994 15:15:58 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLK035 Keplerian data
To: ham-space@ucsd.edu

SB KEP @ ARL $ARLK035
ARLK035 Keplerian data

ZCZC SK03
QST de W1AW
Keplerian Bulletin 35 ARLK035

Date: Fri, 19 Aug 1994 11:13:33
From: ihnp4.ucsd.edu!news.cerf.net!nntp-server.caltech.edu!elroy.jpl.nasa.gov!
swrinde!cs.utexas.edu!csc.ti.com!tilde.csc.ti.com!sislnews.csc.ti.com!
ken_durham.sc.ti.com!ken@network.ucsd.edu
Subject: MA question VK3JKP

To: ham-space@ucsd.edu

The reply function wouldn't work, so I'll just post this:

AMSAT offers a tracking program that will give you MA (phase) for a satellite
as a function of time. It is called Instantrack and costs $70 for members and
somewhat more for non-members.

MA is the satellite orbit phase in units from 0 to 256 which corresponds to
0 to 360 deg. One orbit is MA 256 or 360 deg. (180 deg. = MA 128 and so on.)

The program also tells you the mode (if you keep the schedule updated.)

Looking forward to a QSO with you on AO-10 or AO-13.

de K5MBV

Date: Sat, 20 Aug 94 06:33:47 GMT
From: paperboy.ids.net!usenet@uunet.uu.net
Subject: satellite communications
To: ham-space@ucsd.edu

Instead of picking up the 300 page book, you should have gotten
the excellent AMSAT publication on how to use amateur radio
satellites. AO-13 is primarily a random QSOs bird, and an excellent
choice for trans-continental communications. You will need a dual
band (2 meter 70 cm.) all mode (e.g. SSB) tranceiver with a directional
antenna system. Check out my previous posts for information on the
handbook and AMSAT's address for ordering

Philip Chien KC4YER
no sig yet

In Article <330c4k$b19@thecourier.cims.nyu.edu>
jackson@longlast.cs.nyu.edu (Steven Jackson) writes:
>I just got back from our library with a 300+ page book
>entitled "Satellite Communications" dated 1993. I've
>been hooked on them ever since I picked up a PCTrak 3 a
>couple weeks ago.
>
>Any suggested readings for amateur uses of these satellites?
>
>I have been following AO-13 specifically because of the
>amount of time covered by mutual visibility with San
>Francisco.
>

>I'm mostly interested in knowing what kind of services they
>offer.. store and forward? real-time QSO's? what about
>imaging? satellite-to-satellite links for real time chats?
>
>any help would be greatly appreciated
>--
>Steven Jackson, Assistant to the Chair of Computer Science
>Courant Institute of Mathematical Sciences, New York University
>251 Mercer Street, NY NY 10012
>
>   Work   <-- (forwarded)   Home
>jackson@cs.nyu.edu, jcksnste@acfcluster.nyu.edu, sjackson@cjbbs.com

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Date: 21 Aug 94 05:43:34 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!news1.oakland.edu!vela.acs.oakland.edu!
ncschult@network.ucsd.edu
Subject: SPACE SHUTTLE FREQUENCIES
To: ham-space@ucsd.edu

I HAVE A PRO 43 AND I'D LIKE THE FREQUENCIES TO LISTEN TO THE SPACE
SHUTTLE WHILE IT'S UP.I LIVE IN MICHIGAN SO I DON'T NEED THOSE FOR THEE
LAUNCH.

        THANKS,NCS

Date: (null)
From: (null)

End of Ham-Space Digest V94 #232
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